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PTO/SB/21 (09-04)  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

76

Application Number

09/702,576

Filing Date

10/31/2000

First Named Inventor

Albert Daniel Duree

Art Unit

2616

Examiner Name

Phirin Sam

Attorney Docket Number

1105a

**ENCLOSURES (Check all that apply)**☒ Fee Transmittal Form☐ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/ Incomplete Application☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a Provisional Application☐ Power of Attorney, Revocation Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board of Appeals and Interferences☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please identify below):**15 foreign patent documents;  
4 non-patent literature documents;  
and  
return receipt postcard**

Remarks

**I hereby state that each item of information contained in this Information Disclosure Statement is being filed before the mailing date of any of a final action under §1.113, a notice of allowance under §1.311 or an action that otherwise closes prosecution in the application pursuant to 37 CFR 1.97(c) and is accompanied by the fee set forth in §1.17(p).****SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Setter Roche LLP

Signature

Printed name

Stephen S. Roche

Date

10-19-2006

Reg. No.

52,176

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

*Jamie Cameron*

Typed or printed name

Jamie Cameron

Date

10-19-2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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10/24/2006 MWJLDEI 00000060 210765

180.00 DA

01 FC:1806

Doc Code:

PTO/SB/17 (01-06)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL  
for FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** **\$180.00****Complete if Known**

Application Number	09/702,576
Filing Date	10/31/2000
First Named Inventor	Albert Daniel Duree
Examiner Name	Phirin Sam
Art Unit	2616
Attorney Docket No.	1105a

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Deposit Account Number: 210765 Deposit Account Name: Sprint Communications

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or any underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.****FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid(\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	\$50.00	\$0.00

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	\$200.00	\$0.00

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	0	0	\$250.00	\$0.00

**4. OTHER FEE(S)**

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): **Information Disclosure Statement****\$180.00****SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	52,176	Telephone	(720) 562-2282
Name (Print/Type)	Stephen S. Roche			Date	10-19-2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 4

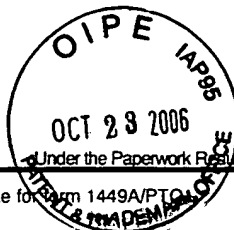
**Complete if Known**

Application Number	09/702,576
Filing Date	10/31/2000
First Named Inventor	Albert Daniel Duree
Art Unit	2616
Examiner Name	Phirin Sam
Attorney Docket Number	1105a

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US- 4,720,850	01/19/1988	Oberlander et al.	
	2	US- 4,730,312	03/08/1988	Johnson et al.	
	3	US- 4,736,364	04/05/1988	Basso et al.	
	4	US- 4,748,658	05/31/1988	Gopal et al.	
	5	US- 4,757,526	07/12/1988	Foster et al.	
	6	US- 4,763,317	08/09/1988	Lehman et al.	
	7	US- 4,853,955	08/01/1989	Thorn et al.	
	8	US- 5,003,584	03/26/1991	Benyacar et al.	
	9	US- 5,048,081	09/10/1991	Gavaras et al.	
	10	US- 5,051,983	09/24/1991	Kammerl	
	11	US- 5,089,954	02/18/1992	Rago	
	12	US- 5,115,427	05/19/1992	Johnson, Jr. et al.	
	13	US- 5,185,743	02/09/1993	Murayama et al.	
	14	US- 5,204,857	04/20/1993	Obara	
	15	US- 5,251,255	10/05/1993	Epley	
	16	US- 5,258,979	11/02/1993	Oomuro et al.	
	17	US- 5,271,010	12/14/1993	Miyake et al.	
	18	US- 5,274,635	12/28/1993	Rahman et al.	
	19	US- 5,282,244	01/25/1994	Fuller et al.	
	20	US- 5,289,472	02/22/1994	Cho	
	21	US- 5,291,492	03/01/1994	Andrews et al.	
	22	US- 5,327,421	07/05/1994	Hiller et al.	
	23	US- 5,339,318	08/16/1994	Tanaka et al.	
	24	US- 5,345,443	09/06/1994	D'Ambrogio et al.	
	25	US- 5,345,445	09/06/1994	Hiller et al.	
	26	US- 5,345,446	09/06/1994	Hiller et al.	
	27	US- 5,363,433	11/08/1994	Isono	
	28	US- 5,375,124	12/20/1994	D'Ambrogio et al.	
	29	US- 5,377,186	12/27/1994	Wegner et al.	
	30	US- 5,392,402	02/21/1995	Robrock, II	
	31	US- 5,420,858	05/30/1995	Marshall et al.	
	32	US- 5,422,882	06/06/1995	Hiller et al.	
	33	US- 5,425,090	06/13/1995	Orriss	
	34	US- 5,428,609	06/27/1995	Eng et al.	
	35	US- 5,434,852	07/18/1995	La Porta et al.	
	36	US- 5,434,981	07/18/1995	Lenihan et al.	
	37	US- 5,438,527	08/01/1995	Feldbaumer et al.	
	38	US- 5,440,626	08/08/1995	Boyle et al.	
	39	US- 5,444,713	08/22/1995	Backaus et al.	
	40	US- 5,452,297	09/19/1995	Hiller et al.	
	41	US- 5,452,350	09/19/1995	Reynolds et al.	
	42	US- 5,457,684	10/10/1995	Bharucha et al.	
	43	US- 5,459,722	10/17/1995	Sherif	
	44	US- 5,469,501	11/21/1995	Otsuka	
	45	US- 5,473,677	12/05/1995	D'Amato et al.	
	46	US- 5,473,679	12/05/1995	La Porta et al.	
	47	US- 5,483,527	01/09/1996	Doshi et al.	





PTO/SB/08a (08-03)

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

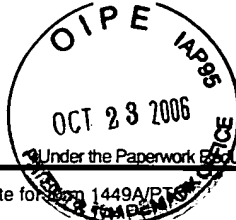
Sheet 2 of 4

## **Complete if Known**

Application Number	09/702,576
Filing Date	10/31/2000
First Named Inventor	Albert Daniel Duree
Art Unit	2616
Examiner Name	Phirin Sam
Attorney Docket Number	1105a

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	48	US- 5,495,484	02/27/1996	Self et al.	
	49	US- 5,509,010	04/16/1996	La Porta et al.	
	50	US- 5,519,707	05/21/1996	Subramanian et al.	
	51	US- 5,519,690	05/21/1996	Suzuka et al.	
	52	US- 5,530,724	06/25/1996	Abrams et al.	
	53	US- 5,537,461	07/16/1996	Bridges et al.	
	54	US- 5,541,917	07/30/1996	Farris	
	55	US- 5,550,834	08/27/1996	D'Ambrogio et al.	
	56	US- 5,550,914	08/27/1996	Clarke et al.	
	57	US- 5,563,939	10/08/1996	La Porta et al.	
	58	US- 5,566,173	10/15/1996	Steinbrecher	
	59	US- 5,568,475	10/22/1996	Doshi et al.	
	60	US- 5,577,037	11/19/1996	Takatori et al.	
	61	US- 5,579,311	11/26/1996	Chopping et al.	
	62	US- 5,592,477	01/07/1997	Farris et al.	
	63	US- 5,600,643	02/04/1997	Robrock, II	
	64	US- 5,619,561	04/08/1997	Reese	
	65	US- 5,623,491	04/22/1997	Skoog	
	66	US- 5,635,980	06/03/1997	Lin et al.	
	67	US- 5,640,446	06/17/1997	Everett et al.	
	68	US- 5,673,262	09/30/1997	Shimizu	
	69	US- 5,689,550	11/18/1997	Garson et al.	
	70	US- 5,703,876	12/30/1997	Christie	
	71	US- 5,706,286	01/06/1998	Reiman et al.	
	72	US- 5,710,769	01/20/1998	Anderson et al.	
	73	US- 5,745,553	04/28/1998	Mirville et al.	
	74	US- 5,751,706	05/12/1998	Land et al.	
	75	US- 5,765,108	06/09/1998	Martin et al.	
	76	US- 5,784,371	07/21/1998	Iwai	
	77	US- 5,793,765	08/11/1998	Boer et al.	
	78	US- 5,802,045	09/01/1998	Kos et al.	
	79	US- 5,825,780	10/20/1998	Christie	
	80	US- 5,867,495	02/02/1999	Elliott et al.	
	81	US- 5,867,562	02/02/1999	Scherer	
	82	US- 5,867,571	02/02/1999	Borchering	
	83	US- 5,872,785	02/16/1999	Kienberger	
	84	US- 5,884,262	03/16/1999	Wise et al.	
	85	US- 5,892,764	04/06/1999	Riemann et al.	
	86	US- 5,926,464	07/20/1999	Fraser	
	87	US- 5,940,393	08/17/1999	Duree et al.	
	88	US- 5,940,491	08/17/1999	Anderson et al.	
	89	US- 5,949,791	09/07/1999	Byers et al.	
	90	US- 5,956,334	09/21/1999	Chu et al.	
	91	US- 5,991,301	11/23/1999	Christie	
	92	US- 5,999,594	12/07/1999	Mizoguchi et al.	
	93	US- 6,026,091	02/15/2000	Christie et al.	
	94	US- 6,034,950	03/07/2000	Sauer et al.	



PTO/SB/08a (08-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 4

### Complete if Known

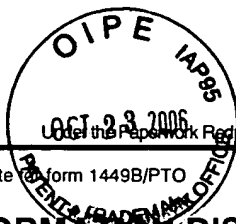
Application Number	09/702,576
Filing Date	10/31/2000
First Named Inventor	Albert Daniel Duree
Art Unit	2616
Examiner Name	Phirin Sam
Attorney Docket Number	1105a

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	95	US- 5,999,525	12/07/1999	Krishnaswamy et al.	
	96	US- 6,069,890	05/30/2000	White et al.	
	97	US- 6,088,749	07/11/2000	Hebert et al.	
	98	US- 6,175,574	01/16/2001	Lewis	
	99	US- 6,181,703	01/30/2001	Christie et al.	
	100	US- 6,324,179	11/27/2001	Doshi et al.	
	101	US- 6,487,200	11/26/2002	Fraser	
	102	US- 6,546,003	04/08/2003	Farris	
	103	US- 4,991,169	02/05/1991	Davis et al.	
	104	US- 5,268,895	12/07/1993	Topper	
	105	US- 5,586,177	12/17/1996	Farris et al.	
	106	US- 5,636,261	06/03/1997	Fils	
	107	US- 5,850,391	12/15/1998	Essigmann	
	108	US- 5,956,334	09/21/1999	Chu et al.	
	109	US- 6,014,378	01/11/2000	Christie et al.	
	110	US- 6,137,800	10/24/2000	Wiley et al.	
	111	US- 6,487,200	11/26/2002	Fraser	
	112	US- 6,546,442	04/08/2003	Davis et al.	
	113	US- 6,430,195	08/06/2002	Christie et al.	
	114	US- 4,970,721	11/13/1990	Aczel et al.	
	115	US- 5,278,972	01/11/1994	Baker et al.	
	116	US- 5,590,133	12/31/1996	Billström et al.	
	117	US- 5,610,977	03/11/1997	Williams et al.	
	118	US- 5,689,555	11/18/1997	Sonnenberg	
	119	US- 5,715,239	02/03/1998	Hyodo et al.	
	120	US- 5,774,675	06/30/1998	Uchida	
	121	US- 5,793,857	08/11/1998	Barnes et al.	
	122	US- 5,915,009	06/22/1999	Williams et al.	
	123	US- 5,920,562	07/06/1999	Christie et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	124	EP0439098	07/31/1991	Tanabe et al.		
	125	WO9214321	08/20/1992	Takase et al.		
	126	JP2215247	08/28/1990	Tsuboi et al.		
	127	JP1300738	12/05/1989	Suzuki et al.		
	128	JP1013534	01/18/1989	Kamio et al.		
	129	JP2215247	08/28/1990	Tsuboi et al.		
	130	JP4180324	06/26/1992	Atsushi et al.		
	131	JP4196635	07/16/1992	Osahide		
	132	JP5327751	12/10/1993	Hyodo et al.		
	133	JP6006320	01/14/1994	Baba et al.		
	134	JP6209365	07/26/1994	Toshiro et al.		
	135	JP7250099	09/26/1995	Koshiro et al.		
	136	JP8149137	06/07/1996	Nakajima et al.		
	137	HU71152	11/28/1995	Hiller et al.		
	138	JP 7177061	07/14/1995	Kazuma et al.		



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Substitute for Form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	09/702,576
		Filing Date	10/31/2000
		First Named Inventor	Albert Daniel Duree
		Art Unit	2616
		Examiner Name	Phirin Sam
		Attorney Docket Number	1105a
Sheet	4	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	139	KURIBAYASHI, SHIN-ICHI; Advanced Signaling Protocol for Broadband ISDN Services; Electronics and Communications in Japan; Part 1, Volume 78, Number 1, Pages 1-12.	
	140	Hungarian office action dated June 23, 1999 citing Hungarian patent number HU170127 for Hungarian Application No. P9900232; 2 pages.	
	141	Russian office action dated April 22, 2002 citing Russian patent numbers RU2013011 and RU2007880 for Russian Application No. 99112956; 6 pages.	
	142	HIROSHI ISHII and MASATOSHI KAWARASAKI; B-ISDN Signalling Protocol Capabilities; NTT Telecommunication Networks Laboratories; 1989; pages 41.2.1 - 41.2.5.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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